

Conference Check-In				
LOBBY	08:00-09:00, Tuesday, October 9th 2018			
LOBBY	08:30-09:00, Wednesday, October 10th 2018			
LOBBY	08:30-09:00, Thursday, October 11th 2018			
Tutorial Day, Tuesday, October 9th 2018				
M102	09:00	Basic AD Tutorials	C. Brown	1. Introduction to Axiomatic Design
M102	09:50	Coffee Break		
M102	10:00		D. Cochran	2. Decomposition Workshop
M102	10:50	Coffee Break		
M102	11:00		C. Brown	3. Teaching Axiomatic Design
M102	12:00	Lunch		
M102	13:00	Advanced AD Tutorials	E. Puik	4. Knowledge and Complexity
M102	13:50	Coffee Break		
M102	14:00		K. Kujawa	5. ADAPT (Axiomatic Design and Scrum)
M102	14:50	End of Tutorials		
LOBBY	17:00	Cocktail hour (open to all registrants)		
LOBBY	18:00	End of Cocktail hour		
Conference Day 1, Wednesday, October 10th 2018				
M105	09:00	Opening by the general chair	J. Foley	Official start of the conference
M105	09:10	Keynote	N. Suh	Design and Design Thinking in Advancing Humanities and Social Sciences in the 21st Century
M105	10:00	Session 1: Conceptual design & Learning AD	182617 S. Škec	Application of Axiomatic Design principles for concept evaluation
M105	10:20	Chair: J. Foley	182615 C. Wang	Managing Functional Coupling Sequence to Decrease Complexity and Increase Modularity in Conceptual Design
M105	10:40		182614 M. Nakao	Students List FRs Chronologically and DPs Spatially, and Need to Integrate FRs Functionally and DPs Physically
M105	11:00	Coffee Break		
M105	11:20	Session 2: Complexity in AD	184439 D. Vosseveld	The Complexity of Mapping Customer Needs...
M105	11:40	Chair: E. Puik	181926 V. Modrak	Axiomatic Design Based Complexity Measures to Assess Product and Process Structures
M105	12:00		182619 J. Thomas	Complex Adaptive Blockchain Governance
M105	12:30	Lunch		
M105	13:00	Special session: AD book	Chaired by D. Cochran (for those who would like to contribute to the AD book)	
M105	14:00	Keynote	J. Carbone	Enhancing Prosthetic Musculotendinous Proprioception utilizing Multidisciplinary Artificially Intelligent Learning Approach
M105	14:40	Session 3: AD & Manufacturing (1)	182699 E. Rauch	Axiomatic Design based Design of a Software Prototype for Smart Shopfloor Management
M105	15:10	Chair: G. Arcidiacono	182622 S. Shah	Guiding Manufacturing Enterprises to Achieve Long-Term Business Sustainability Using the Collective System Design Approach
M105	15:40	Coffee Break		
M105	16:00	Session 4: AD & Safety applications	182698 L. Gualtieri	Application of Axiomatic Design for the Design of a Safe Collaborative Human-Robot Assembly Workplace
M105	16:20	Chair: M. Cavique	182502 K. Iino	Human Design Parameters for Safety of Products and Systems
M105	16:40	Presentation	A. Liu	Information about ICAD2019 in Australia
	17:00	End day 1		
	19:30	Conference dinner		Nautahöll Restaurant (behind RU)
Conference Day 2, Thursday, October 11th 2018				
V107	09:00	Keynote	G.J. Park	Application of axiomatic design to the design of automobile parts
V107	09:40	Session 5: AD in combination with other models	182623 K. Kujawa	Exploring and Adapt! – Extending the Adapt! Method to Develop Reconfigurable Manufacturing Systems
V107	10:00	Chair: M. Nakao	182696 E. Puik	Application of Axiomatic Design for Agile Product Development
V107	10:20		182567 F. Rolli	Axiomatic decomposition of a zero-sum game: the penalty shoot-out case
V107	10:40	Coffee Break		
V107	11:00	Session 6: AD in Health & Sustainability	182644 C. Parretti	Axiomatic Selection of Health and Social Care Web Services on the Basis of Use Cases
V107	11:20	Chair: C. Brown	182621 J. Smith	Prevention, Early Detection, and Reversal of Type II Diabetes using Collective System Design
V107	11:40		183210 M. Cavique	Recovery of waste heat from engines: an AD view
V107	12:00	Short Keynote	182503 H. Oh	Hubcap And Ignition Switch Designs; Case Studies in Independence Axiom
V107	12:30	Lunch		
V104	13:00	Conference meeting	Chaired by C. Brown (for those who would like to contribute to the conference organisation)	
V104	14:00	Keynote	R. Jugulum	Importance of Axiomatic Design Principles in Metrics Management and Analytics Engineering Operations
V104	14:40	Session 7: AD & Manufacturing (2)	182695 G. Egger	Design of a low-cost loading/unloading mechanism for processing stations in an automated production environment
V104	15:00	Chair: E. Rauch	183209 J. Fradinho	An axiomatic approach to a cork granulation facility design
V104	15:20		182620 L. Slătineanu	Axiomatic Design in Obtaining a Device for Ultrasonic Machining
V104	15:40	Coffee Break		
V104	16:00	Session 8: Application of AD for Design of Products	182566 A. Liu	A Student's Axiomatic Design Application Example of Battery Thermal Controller for High Altitude Balloon
V104	16:20	Chair: J. Fradinho	182618 M. Siri	Development of a Design Procedure for Class E Amplifiers
V104	16:40		184440 J. Foley	Design of a tablet holder with the help of Axiomatic Design
V104	17:00	Closing Remarks, Awards		
Social Program, Friday, October 12th 2018				
LOBBY	09:00	Golden Circle Trip		
LOBBY	17:00	Trip returns		